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TERMINAL (ENTER 1, 2, 3, OR ?):2

\* \* \* \* \* Welcome to STN International \* \* \* \* \*

NEWS 1 Web Page URLs for STN Seminar Schedule - N. America  
NEWS 2 "Ask CAS" for self-help around the clock  
NEWS 3 JAN 17 Pre-1988 INPI data added to MARPAT  
NEWS 4 FEB 21 STN AnaVist, Version 1.1, lets you share your STN AnaVist  
visualization results  
NEWS 5 FEB 22 The IPC thesaurus added to additional patent databases on STN  
NEWS 6 FEB 22 Updates in EPFULL; IPC 8 enhancements added  
NEWS 7 FEB 27 New STN AnaVist pricing effective March 1, 2006  
NEWS 8 MAR 03 Updates in PATDPA; addition of IPC 8 data without attributes  
NEWS 9 MAR 22 EMBASE is now updated on a daily basis  
NEWS 10 APR 03 New IPC 8 fields and IPC thesaurus added to PATDPAFULL  
NEWS 11 APR 03 Bibliographic data updates resume; new IPC 8 fields and IPC  
thesaurus added in PCTFULL  
NEWS 12 APR 04 STN AnaVist \$500 visualization usage credit offered  
NEWS 13 APR 12 LINSPEC, learning database for INSPEC, reloaded and enhanced  
NEWS 14 APR 12 Improved structure highlighting in FQHIT and QHIT display  
in MARPAT  
NEWS 15 APR 12 Derwent World Patents Index to be reloaded and enhanced during  
second quarter; strategies may be affected  
NEWS 16 MAY 10 CA/CAPLUS enhanced with 1900-1906 U.S. patent records  
NEWS 17 MAY 11 KOREAPAT updates resume  
NEWS 18 MAY 19 Derwent World Patents Index to be reloaded and enhanced  
NEWS 19 MAY 30 IPC 8 Rolled-up Core codes added to CA/CAPLUS and  
USPATFULL/USPAT2  
NEWS 20 MAY 30 The F-Term thesaurus is now available in CA/CAPLUS  
NEWS 21 JUN 02 The first reclassification of IPC codes now complete in  
INPADOC  
  
NEWS EXPRESS FEBRUARY 15 CURRENT VERSION FOR WINDOWS IS V8.01a,  
CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),  
AND CURRENT DISCOVER FILE IS DATED 19 DECEMBER 2005.  
V8.0 AND V8.01 USERS CAN OBTAIN THE UPGRADE TO V8.01a AT  
<http://download.cas.org/express/v8.0-Discover/>  
  
NEWS HOURS STN Operating Hours Plus Help Desk Availability  
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\* \* \* \* \* STN Columbus \* \* \* \* \*

FILE 'HOME' ENTERED AT 16:31:33 ON 09 JUN 2006

=> index all

FILE 'ENCOMPLIT2' ACCESS NOT AUTHORIZED

FILE 'ENCOMPAT2' ACCESS NOT AUTHORIZED

COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION

FULL ESTIMATED COST

0.21	0.21
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INDEX 'ABI-INFORM, ADISCTI, AEROSPACE, AGRICOLA, ALUMINIUM, ANABSTR, ANTE, APOLLIT, AQUALINE, AQUASCI, ACQUIRE, BABS, BIBLIODATA, BIOENG, BIOSIS, BIOTECHABS, BIOTECHDS, BIOTECHNO, CABA, CAOLD, CAPLUS, CASREACT, CBNB, CEABA-VTB, CERAB, CHEMINFORMRX, CHEMSAFE, ...'

ENTERED AT 16:31:56 ON 09 JUN 2006

135 FILES IN THE FILE LIST IN STNINDEX

Enter SET DETAIL ON to see search term postings or to view search error messages that display as 0\* with SET DETAIL OFF.

=> s (nanoparticle) AND (enhanc?) AND (lithium (2a) chloride)

3 FILE BIOTECHABS

3 FILE BIOTECHDS

11 FILE CAPLUS

27 FILES SEARCHED...

1 FILE COMPENDEX

1 FILE DRUGU

47 FILES SEARCHED...

1 FILE ENERGY

11 FILE EPFULL

68 FILES SEARCHED...

7 FILE IFIPAT

1 FILE INIS

1 FILE INSPEC

96 FILES SEARCHED...

89 FILE PCTFULL

2 FILE PROMT

1 FILE SCISEARCH

122 FILES SEARCHED...

117 FILE USPATFULL

24 FILE USPAT2

7 FILE WPIDS

7 FILE WPINDEX

17 FILES HAVE ONE OR MORE ANSWERS, 135 FILES SEARCHED IN STNINDEX

L1 QUE (NANOPARTICLE) AND (ENHANC?) AND (LITHIUM (2A) CHLORIDE)

=> file caplus

COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION

FULL ESTIMATED COST

3.05	3.26
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FILE 'CAPLUS' ENTERED AT 16:35:09 ON 09 JUN 2006

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FILE COVERS 1907 - 9 Jun 2006 VOL 144 ISS 25  
FILE LAST UPDATED: 8 Jun 2006 (20060608/ED)

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<http://www.cas.org/infopolicy.html>

=> s (nanoparticle) AND (enhanc?) AND (lithium (2a) chloride)

36190 NANOPARTICLE  
60128 NANOPARTICLES  
63261 NANOPARTICLE  
(NANOPARTICLE OR NANOPARTICLES)  
901104 ENHANC?  
307122 LITHIUM  
360 LITHIUMS  
307248 LITHIUM  
(LITHIUM OR LITHIUMS)  
1078853 CHLORIDE  
157319 CHLORIDES  
1150922 CHLORIDE  
(CHLORIDE OR CHLORIDES)  
24468 LITHIUM (2A) CHLORIDE

L2 11 (NANOPARTICLE) AND (ENHANC?) AND (LITHIUM (2A) CHLORIDE)

=> d ti 1-11

L2 ANSWER 1 OF 11 CAPLUS COPYRIGHT 2006 ACS on STN

TI Detection and identification of peptide and protein modifications by surface enhanced Raman spectroscopy

L2 ANSWER 2 OF 11 CAPLUS COPYRIGHT 2006 ACS on STN

TI Nucleic acid sequencing by raman monitoring of uptake of nucleotides during molecular replication

L2 ANSWER 3 OF 11 CAPLUS COPYRIGHT 2006 ACS on STN

TI Composite organic-inorganic nanoclusters and their preparation for multiplex assays of biological samples

L2 ANSWER 4 OF 11 CAPLUS COPYRIGHT 2006 ACS on STN

TI Methods for using Raman spectroscopy to obtain a protein profile of a biological sample

L2 ANSWER 5 OF 11 CAPLUS COPYRIGHT 2006 ACS on STN

TI Nucleic acid sequencing by Raman monitoring of uptake of precursors during molecular replication

L2 ANSWER 6 OF 11 CAPLUS COPYRIGHT 2006 ACS on STN

TI Methods for nucleic acid sequencing by Raman spectroscopy monitoring of uptake of nucleotides during molecular replication

L2 ANSWER 7 OF 11 CAPLUS COPYRIGHT 2006 ACS on STN

TI Methods and systems for detecting analytes by chemical enhancement in surface enhanced Raman scattering using lithium salts

L2 ANSWER 8 OF 11 CAPLUS COPYRIGHT 2006 ACS on STN

TI Biomolecule analysis by rolling circle amplification and SERS detection and system for such analysis

L2 ANSWER 9 OF 11 CAPLUS COPYRIGHT 2006 ACS on STN

TI Spectroscopic analysis system and method

L2 ANSWER 10 OF 11 CAPLUS COPYRIGHT 2006 ACS on STN

TI Molecular dynamics simulation of the effect of nanoparticle fillers on ion motion in a polymer host

L2 ANSWER 11 OF 11 CAPLUS COPYRIGHT 2006 ACS on STN

TI Structures and materials for dye sensitized solar cells

=> d kwic 1

L2 ANSWER 1 OF 11 CAPLUS COPYRIGHT 2006 ACS on STN

TI Detection and identification of peptide and protein modifications by surface enhanced Raman spectroscopy

AB . . . present invention provide devices and methods for detecting, identifying, distinguishing, and quantifying modification states of proteins and peptides using Surface Enhanced Raman (SERS) and Raman spectroscopy. Applications of embodiments of the present invention include, for example, proteome wide modification profiling and. . .

ST peptide protein modification detection identification SERS spectroscopy; posttranslational modification protein peptide detection SERS; surface enhanced Raman spectroscopy detection protein modification

IT Histones

RL: ANT (Analyte); BSU (Biological study, unclassified); PRP (Properties); RCT (Reactant); ANST (Analytical study); BIOL (Biological study); RACT (Reactant or reagent)

(H3, detection of post-translational modifications of; detection and identification of peptide and protein modifications by surface enhanced Raman spectroscopy)

IT Enzymes, analysis

RL: ANT (Analyte); BSU (Biological study, unclassified); CAT (Catalyst use); PRP (Properties); ANST (Analytical study); BIOL (Biological study); USES (Uses)

(activity profiling; detection and identification of peptide and protein modifications by surface enhanced Raman spectroscopy)

IT Body fluid

Samples

(anal. of; detection and identification of peptide and protein modifications by surface enhanced Raman spectroscopy)

IT Acetylation

Glycosylation

Nitrosation

Palmitoylation

Phosphorylation, biological

(as modification state of peptide; detection and identification of peptide and protein modifications by surface enhanced Raman spectroscopy)

IT Metals, analysis

RL: ARU (Analytical role, unclassified); DEV (Device component use); ANST (Analytical study); USES (Uses)

(as surface enhanced Raman active substrate; detection and identification of peptide and protein modifications by surface enhanced Raman spectroscopy)

IT Diagnosis

Mass spectrometry

Prognosis

SERS (Raman scattering)

(detection and identification of peptide and protein modifications by surface enhanced Raman spectroscopy)

IT Peptides, analysis

RL: ANT (Analyte); BSU (Biological study, unclassified); FMU (Formation, unclassified); PRP (Properties); ANST (Analytical study); BIOL (Biological study); FORM (Formation, nonpreparative)

(detection and identification of peptide and protein modifications by

surface enhanced Raman spectroscopy)

IT Proteome  
 RL: ANT (Analyte); BSU (Biological study, unclassified); PRP (Properties);  
 ANST (Analytical study); BIOL (Biological study)  
 (detection and identification of peptide and protein modifications by  
 surface enhanced Raman spectroscopy)

IT Proteins  
 RL: ANT (Analyte); BSU (Biological study, unclassified); PRP (Properties);  
 RCT (Reactant); ANST (Analytical study); BIOL (Biological study); RACT  
 (Reactant or reagent)  
 (detection and identification of peptide and protein modifications by  
 surface enhanced Raman spectroscopy)

IT Post-translational processing  
 (detection of; detection and identification of peptide and protein  
 modifications by surface enhanced Raman spectroscopy)

IT Disease, animal  
 (diagnosis; detection and identification of peptide and protein  
 modifications by surface enhanced Raman spectroscopy)

IT Methylation  
 (dimethylation, as modification state of peptide; detection and  
 identification of peptide and protein modifications by surface  
 enhanced Raman spectroscopy)

IT Drugs  
 (efficacy studies; detection and identification of peptide and protein  
 modifications by surface enhanced Raman spectroscopy)

IT Peptides, biological studies  
 RL: BSU (Biological study, unclassified); PRP (Properties); BIOL  
 (Biological study)  
 (immobilized on surface, SERS spectroscopy of surface before and after  
 contact with fluid sample; detection and identification of peptide and  
 protein modifications by surface enhanced Raman spectroscopy)

IT Lipids, biological studies  
 RL: BSU (Biological study, unclassified); BIOL (Biological study)  
 (lipidation, as modification state of peptide; detection and  
 identification of peptide and protein modifications by surface  
 enhanced Raman spectroscopy)

IT Samples  
 (liquid, anal. of; detection and identification of peptide and protein  
 modifications by surface enhanced Raman spectroscopy)

IT Time-of-flight mass spectrometry  
 (matrix-assisted photodesorption-photoionization; detection and  
 identification of peptide and protein modifications by surface  
 enhanced Raman spectroscopy)

IT Particles  
 (metal, as surface enhanced Raman active substrate; detection  
 and identification of peptide and protein modifications by surface  
 enhanced Raman spectroscopy)

IT Nanoparticles  
 (of gold or silver, deposited on substrate surface; detection and  
 identification of peptide and protein modifications by surface  
 enhanced Raman spectroscopy)

IT Aggregates  
 Colloids  
 (of metallic particles, as surface enhanced Raman active  
 substrate; detection and identification of peptide and protein  
 modifications by surface enhanced Raman spectroscopy)

IT Protein microarray technology  
 (peptide, SERS spectroscopy of surface before and after contact with  
 fluid sample; detection and identification of peptide and protein  
 modifications by surface enhanced Raman spectroscopy)

IT HPLC  
 Reversed phase HPLC  
 (peptides separation by; detection and identification of peptide and protein  
 modifications by surface enhanced Raman spectroscopy)

IT Laser ionization mass spectrometry

(photodesorption, matrix-assisted, time-of-flight; detection and identification of peptide and protein modifications by surface enhanced Raman spectroscopy)

IT Laser desorption mass spectrometry  
(photoionization, matrix-assisted, time-of-flight; detection and identification of peptide and protein modifications by surface enhanced Raman spectroscopy)

IT Methylation  
(trimethylation, as modification state of peptide; detection and identification of peptide and protein modifications by surface enhanced Raman spectroscopy)

IT Proteins  
RL: ANT (Analyte); BSU (Biological study, unclassified); PRP (Properties); RCT (Reactant); ANST (Analytical study); BIOL (Biological study); RACT (Reactant or reagent)  
(ubiquitinated; detection and identification of peptide and protein modifications by surface enhanced Raman spectroscopy)

IT 7447-41-8, Lithium chloride, analysis  
RL: ARU (Analytical role, unclassified); DEV (Device component use); ANST (Analytical study); USES (Uses)  
(Raman substrate activated with; detection and identification of peptide and protein modifications by surface enhanced Raman spectroscopy)

IT 877070-70-7 877070-71-8 877070-72-9 877070-73-0 877070-74-1  
877070-75-2 877070-76-3 877070-77-4 877070-78-5 877070-79-6  
877070-80-9 877070-81-0 877070-82-1 877070-83-2  
RL: BSU (Biological study, unclassified); PRP (Properties); BIOL (Biological study)  
(SERS spectra of, as histone H3 peptide; detection and identification of peptide and protein modifications by surface enhanced Raman spectroscopy)

IT 9012-30-0, Acetylase 9013-05-2, Phosphatase 9068-85-3, Deacetylase  
372092-80-3, Protein kinase  
RL: BSU (Biological study, unclassified); CAT (Catalyst use); BIOL (Biological study); USES (Uses)  
(SERS spectroscopy of substrate surface having immobilized peptides before and after contact with fluid sample containing; detection and identification of peptide and protein modifications by surface enhanced Raman spectroscopy)

IT 7440-22-4, Silver, analysis 7440-57-5, Gold, analysis  
RL: ARU (Analytical role, unclassified); DEV (Device component use); ANST (Analytical study); USES (Uses)  
(as surface enhanced Raman active substrate; detection and identification of peptide and protein modifications by surface enhanced Raman spectroscopy)

IT 123175-81-5, Endoproteinase Arg-C  
RL: BSU (Biological study, unclassified); CAT (Catalyst use); BIOL (Biological study); USES (Uses)  
(histone H3 digestion with; detection and identification of peptide and protein modifications by surface enhanced Raman spectroscopy)

IT 7440-21-3, Silicon, analysis  
RL: ARU (Analytical role, unclassified); DEV (Device component use); ANST (Analytical study); USES (Uses)  
(porous, coated with gold or silver, as Raman active surface; detection and identification of peptide and protein modifications by surface enhanced Raman spectroscopy)

IT 9001-92-7, Proteinase  
RL: BSU (Biological study, unclassified); CAT (Catalyst use); BIOL (Biological study); USES (Uses)  
(protease, in proteins digestion to smaller peptides; detection and identification of peptide and protein modifications by surface enhanced Raman spectroscopy)

IT 7429-90-5, Aluminum, uses  
RL: DEV (Device component use); USES (Uses)  
(tray, SERS anal. of drop of mixture of colloidal silver and peptide

solution and lithium chloride on; detection and  
identification of peptide and protein modifications by surface  
enhanced Raman spectroscopy)

IT 60267-61-0, Ubiquitin

RL: BSU (Biological study, unclassified); BIOL (Biological study)  
(ubiquitination, as modification state of peptide; detection and  
identification of peptide and protein modifications by surface  
enhanced Raman spectroscopy)

=> s (sers or (surface (a) enhanced (a) raman (a) spectroscopy)) (p) (lithium (a)  
chloride)

5261 SERS  
2235988 SURFACE  
424637 SURFACES  
2409254 SURFACE  
(SURFACE OR SURFACES)  
507226 ENHANCED  
5 ENHANCEDS  
507230 ENHANCED  
(ENHANCED OR ENHANCEDS)  
147911 RAMAN  
15 RAMANS  
147911 RAMAN  
(RAMAN OR RAMANS)  
646184 SPECTROSCOPY  
15953 SPECTROSCOPIES  
656964 SPECTROSCOPY  
(SPECTROSCOPY OR SPECTROSCOPIES)  
307122 LITHIUM  
360 LITHIUMS  
307248 LITHIUM  
(LITHIUM OR LITHIUMS)  
1078853 CHLORIDE  
157319 CHLORIDES  
1150922 CHLORIDE  
(CHLORIDE OR CHLORIDES)

L3 10 (SERS OR (SURFACE (A) ENHANCED (A) RAMAN (A) SPECTROSCOPY)) (P)  
(LITHIUM (A) CHLORIDE)

=> d ti 1-10

L3 ANSWER 1 OF 10 CAPLUS COPYRIGHT 2006 ACS on STN

TI Detection and identification of peptide and protein modifications by  
surface enhanced Raman spectroscopy

L3 ANSWER 2 OF 10 CAPLUS COPYRIGHT 2006 ACS on STN

TI Method to detect molecular binding by surface-enhanced Raman spectroscopy  
using colloidal metal particles

L3 ANSWER 3 OF 10 CAPLUS COPYRIGHT 2006 ACS on STN

TI Composite organic-inorganic nanoclusters and their preparation for  
multiplex assays of biological samples

L3 ANSWER 4 OF 10 CAPLUS COPYRIGHT 2006 ACS on STN

TI Specific chemical effects on surface-enhanced Raman spectroscopy for  
ultra-sensitive detection of biological molecules

L3 ANSWER 5 OF 10 CAPLUS COPYRIGHT 2006 ACS on STN

TI Methods and systems for detecting analytes by chemical enhancement in  
surface enhanced Raman scattering using lithium salts

L3 ANSWER 6 OF 10 CAPLUS COPYRIGHT 2006 ACS on STN

TI Chemical enhancement in surface enhanced Raman scattering using lithium  
salts

L3 ANSWER 7 OF 10 CAPLUS COPYRIGHT 2006 ACS on STN  
 TI Biomolecule analysis by rolling circle amplification and SERS detection and system for such analysis

L3 ANSWER 8 OF 10 CAPLUS COPYRIGHT 2006 ACS on STN  
 TI Spectroscopic analysis system and method

L3 ANSWER 9 OF 10 CAPLUS COPYRIGHT 2006 ACS on STN  
 TI Benzotriazole maleimide as a bifunctional reactant for SERS

L3 ANSWER 10 OF 10 CAPLUS COPYRIGHT 2006 ACS on STN  
 TI Nonaqueous SERS: imidazole in methanol solution at a silver electrode

=> d bib 1-7

L3 ANSWER 1 OF 10 CAPLUS COPYRIGHT 2006 ACS on STN  
 AN 2006:195936 CAPLUS  
 DN 144:249976  
 TI Detection and identification of peptide and protein modifications by surface enhanced Raman spectroscopy  
 IN Sundararajan, Narayan; Sun, Lei; Su, Xing; Yamakawa, Mineo; Jingwu, Zhang; Chan, Selena; Berlin, Andrew; Koo, Tae-Woong; Roth, Mark; Gafen, Phil  
 PA Intel Corporation, USA  
 SO PCT Int. Appl., 42 pp.  
 CODEN: PIXXD2  
 DT Patent  
 LA English  
 FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2006023458	A1	20060302	WO 2005-US29019	20050813
	WO 2006023458	C2	20060406		
	W:				
	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
	RW:				
	AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	US 2006009914	A1	20060112	US 2004-919699	20040816
PRAI	US 2004-919699	A	20040816		
	US 2005-202862	A	20050811		
	US 2004-587334P	P	20040712		

RE.CNT 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD  
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 2 OF 10 CAPLUS COPYRIGHT 2006 ACS on STN  
 AN 2005:1078121 CAPLUS  
 DN 143:342250  
 TI Method to detect molecular binding by surface-enhanced Raman spectroscopy using colloidal metal particles  
 IN Koo, Tae-Woong; Chan, Selena  
 PA Intel Corporation, USA  
 SO U.S. Pat. Appl. Publ., 16 pp.  
 CODEN: USXXCO  
 DT Patent  
 LA English  
 FAN.CNT 1



	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2005221507	A1	20051006	US 2004-814981	20040330
	WO 2005098441	A2	20051020	WO 2005-US10384	20050325
	WO 2005098441	A3	20051110		
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
PRAI	US 2004-814981	A	20040330		

L3 ANSWER 3 OF 10 CAPLUS COPYRIGHT 2006 ACS on STN  
 AN 2005:963670 CAPLUS  
 DN 143:263062  
 TI Composite organic-inorganic nanoclusters and their preparation for multiplex assays of biological samples  
 IN Su, Xing; Zhang, Jingwu; Sun, Lei; Berlin, Andrew A.  
 PA USA  
 SO U.S. Pat. Appl., Publ., 42 pp., Cont.-in-part of U.S. Ser. No. 830,422.  
 CODEN: USXXCO  
 DT Patent  
 LA English  
 FAN.CNT 3

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2005191665	A1	20050901	US 2004-21682	20041223
	US 2005147963	A1	20050707	US 2003-748336	20031229
	US 2005142567	A1	20050630	US 2004-830422	20040421
	WO 2005090948	A2	20050929	WO 2004-US43878	20041228
	WO 2005090948	A3	20060216		
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
PRAI	US 2003-748336	A2	20031229		
	US 2004-830422	A2	20040421		
	US 2004-21682	A	20041223		

L3 ANSWER 4 OF 10 CAPLUS COPYRIGHT 2006 ACS on STN  
 AN 2004:1075730 CAPLUS  
 DN 142:444116  
 TI Specific chemical effects on surface-enhanced Raman spectroscopy for ultra-sensitive detection of biological molecules  
 AU Koo, Tae-Woong; Chan, Selena; Sun, Lei; Su, Xing; Zhang, Jingwu; Berlin, Andrew A.  
 CS Intel Research, Intel Corporation, Santa Clara, CA, 95054, USA  
 SO Applied Spectroscopy (2004), 58(12), 1401-1407  
 CODEN: APSPA4; ISSN: 0003-7028  
 PB Society for Applied Spectroscopy  
 DT Journal  
 LA English

RE.CNT 32 THERE ARE 32 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 5 OF 10 CAPLUS COPYRIGHT 2006 ACS on STN  
AN 2004:824100 CAPLUS  
DN 141:291847  
TI Methods and systems for detecting analytes by chemical enhancement in  
surface enhanced Raman scattering using lithium salts  
IN Su, Xing; Sun, Lei; Koo, Tae-Woong; Chan, Selana  
PA Intel Corporation, USA  
SO PCT Int. Appl., 25 pp.  
CODEN: PIXXD2  
DT Patent  
LA English  
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2004085988	A2	20041007	WO 2004-US2989	20040204
	WO 2004085988	A3	20041104		
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			
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	EP 1606610	A2	20051221	EP 2004-749311	20040204
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	JP 2006514309	T2	20060427	JP 2005-518574	20040204
PRAI	US 2003-387750	A	20030312		
	WO 2004-US2989	W	20040204		

L3 ANSWER 6 OF 10 CAPLUS COPYRIGHT 2006 ACS on STN  
AN 2004:759566 CAPLUS  
DN 141:221285  
TI Chemical enhancement in surface enhanced Raman scattering using lithium salts  
IN Su, Xing; Sun, Lei; Koo, Tae-Woong; Chan, Selana  
PA Intel Corporation, USA  
SO U.S. Pat. Appl. Publ., 10 pp.  
CODEN: USXXCO  
DT Patent  
LA English  
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2004179195	A1	20040916	US 2003-387080	20030312
	US 7019828	B2	20060328		
PRAI	US 2003-387080		20030312		

RE.CNT 20 THERE ARE 20 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 7 OF 10 CAPLUS COPYRIGHT 2006 ACS on STN  
AN 2004:681299 CAPLUS  
DN 141:170473  
TI Biomolecule analysis by rolling circle amplification and SERS detection and system for such analysis  
IN Sun, Lei; Su, Xing  
PA USA  
SO U.S. Pat. Appl. Publ., 17 pp.  
CODEN: USXXCO

DT Patent  
LA English  
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2004161750	A1	20040819	US 2003-367071	20030214
	WO 2005014860	A2	20050217	WO 2004-US2391	20040128
	WO 2005014860	A3	20050428		
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	EP 1592812	A2	20051109	EP 2004-775738	20040128
	R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK			
	CN 1723290	A	20060118	CN 2004-80001922	20040128
	US 2006099636	A1	20060511	US 2005-313108	20051219
PRAI	US 2003-367071	A	20030214		
	WO 2004-US2391	W	20040128		

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NEWS	6	FEB 22 Updates in EPFULL; IPC 8 enhancements added
NEWS	7	FEB 27 New STN AnaVist pricing effective March 1, 2006

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 NEWS 9 MAR 22 EMBASE is now updated on a daily basis  
 NEWS 10 APR 03 New IPC 8 fields and IPC thesaurus added to PATDPAFULL  
 NEWS 11 APR 03 Bibliographic data updates resume; new IPC 8 fields and IPC  
 thesaurus added in PCTFULL  
 NEWS 12 APR 04 STN AnaVist \$500 visualization usage credit offered  
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 NEWS 14 APR 12 Improved structure highlighting in FQHIT and QHIT display  
 in MARPAT  
 NEWS 15 APR 12 Derwent World Patents Index to be reloaded and enhanced during  
 second quarter; strategies may be affected  
 NEWS 16 MAY 10 CA/Caplus enhanced with 1900-1906 U.S. patent records  
 NEWS 17 MAY 11 KOREAPAT updates resume  
 NEWS 18 MAY 19 Derwent World Patents Index to be reloaded and enhanced  
 NEWS 19 MAY 30 IPC 8 Rolled-up Core codes added to CA/Caplus and  
 USPATFULL/USPAT2  
 NEWS 20 MAY 30 The F-Term thesaurus is now available in CA/Caplus  
 NEWS 21 JUN 02 The first reclassification of IPC codes now complete in  
 INPADOC

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 CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),  
 AND CURRENT DISCOVER FILE IS DATED 19 DECEMBER 2005.  
 V8.0 AND V8.01 USERS CAN OBTAIN THE UPGRADE TO V8.01a AT  
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FULL ESTIMATED COST	0.21	0.21

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 APOLLIT, AQUALINE, AQUASCI, AQUIRE, BABS, BIBLIODATA, BIOENG, BIOSIS,  
 BIOTECHABS; BIOTECHDS, BIOTECHNO, CABA, CAOLD, CAPLUS, CASREACT, CBNB,  
 CEABA-VTB, CERAB, CHEMINFORMRX, CHEMSAFE, ...'  
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 0\* FILE ALUMINIUM  
 1 FILE ANABSTR

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2* FILE ANTE
5* FILE APOLLIT
0* FILE AQUALINE
8* FILE BABS
0* FILE BIBLIODATA
1* FILE BIOENG
1 FILE BIOSIS
4* FILE BIOTECHABS
4* FILE BIOTECHDS
0* FILE BIOTECHNO
0* FILE CAOLD
90 FILE CAPLUS
1* FILE CASREACT
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17 FILE DISSABS
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11 FILE ELCOM
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58 FILES SEARCHED...
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83 FILES SEARCHED...
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